EMC TEST Report

Issued Date : Jan. 09, 2009

Report No. : 0608090J

Equipment : 4-Bay Network Attached Storage

Model No. : NVRmini NV4080; NVRmini NV4160

Applicant : NUUO Inc.

Address : Room 505, B block, 18 Sihyuan st.
Jhongjheng District, Taipei, Taiwan 10087
(R.O.C.)

Tested by:
Neutron Engineering Inc. EMC Laboratory

Data of Test:
Nov. 12, 2007 ~ Dec. 04, 2007

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VCCI R-2669 R-2829 C-2918

Declaration

Neutron represents to the client that testing is done in accordance with standard procedures as applicable and that test instruments used has been calibrated with the standards traceable to National Measurement Laboratory (**NML**) of **R.O.C**., or National Institute of Standards and Technology (**NIST**) of **U.S.A.**

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Limitation

For the use of the authority's logo is limited unless the Test Standard(s)/Scope(s)/Item(s) mentioned in this test report is (are) included in the conformity assessment authorities acceptance respective.

Table of Contents **Page**

1 . CERTIFICATION 4

2 . SUMMARY OF TEST RESULTS 5

2.1 TEST FACILITY 6

2.2 MEASUREMENT UNCERTAINTY 6

3 . GENERAL INFORMATION 7

3.1 GENERAL DESCRIPTION OF EUT 7

3.2 DESCRIPTION OF TEST MODES 9

3.3 BLOCK DIGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED 10

3.4 DESCRIPTION OF SUPPORT UNITS 11

4 . EMC EMISSION TEST 12

4.1 CONDUCTED EMISSION MEASUREMENT 12

4.1.1 POWER LINE CONDUCTED EMISSION 12

4.1.2 MEASUREMENT INSTRUMENTS LIST 12

4.1.3 TEST PROCEDURE 13

4.1.4 DEVIATION FROM TEST STANDARD 13

4.1.5 TEST SETUP 13

4.1.6 EUT OPERATING CONDITIONS 14

4.1.7 TEST RESULTS 15

4.2 RADIATED EMISSION MEASUREMENT 19

4.2.1 LIMITS OF RADIATED EMISSION MEASUREMENT 19

4.2.2 MEASUREMENT INSTRUMENTS LIST 20

4.2.3 TEST PROCEDURE 20

4.2.4 DEVIATION FROM TEST STANDARD 20

4.2.5 TEST SETUP 21

4.2.6 EUT OPERATING CONDITIONS 21

4.2.7 TEST RESULTS 22

5 . EUT TEST PHOTO 26

1. CERTIFICATION

Equipment :	4-Bay Network Attached Storage
Trade Name :	NUUO
Model No. :	NVRmini NV4080; NVRmini NV4160
Applicant :	NUUO Inc.
Data of Test :	Nov. 12, 2007 ~ Dec. 04, 2007
Test Item :	ENGINEERING SAMPLE
Standards :	FCC Part 15, Subpart B, Class B CISPR 22: 1997+A1: 2000, Class B ICES-003: 2004, Class B ANSI C63.4-2003

The above equipment has been tested and found compliance with the requirement of the relative standards by Neutron Engineering Inc. EMC Laboratory.
The test data, data evaluation, and equipment configuration contained in our test report (Ref No. NEI-FCCE-1-0608090J) were obtained utilizing the test procedures, test instruments, test sites that has been accredited by the Authority of NVLAP and CNLA according to the ISO-17025 quality assessment standard and technical standard(s).

2. SUMMARY OF TEST RESULTS

Test procedures according to the technical standards:

EMC Emission				
Standard	Test Item	Limit	Judgment	Remark
FCC Part15, Subpart B CISPR 22:1997+A1: 2000 ICES-003: 2004	Conducted Emission	Class B	PASS	
	Radiated Emission	Class B	PASS	

NOTE:

(1)” N/A” denotes test is not applicable in this Test Report

2.1 TEST FACILITY

The test facilities used to collect the test data in this report is **C01/OS02** at the location of No.132-1, Lane 329, Sec. 2, Palain Road, Shijr City, Taipei, Taiwan.

2.2 MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement **y** ± **U**，where expended uncertainty **U** is based on a standard uncertainty multiplied by a coverage factor of **k=2**，providing a level of confidence of approximately **95** %。

A. Conducted Measurement :

Test Site	Method	Measurement Frequency Range	U，(dB)	NOTE
C01	ANSI	150 KHz ~ 30MHz	1.94	

B. Radiated Measurement :

Test Site	Method	Measurement Frequency Range	Ant. H / V	U，(dB)	NOTE
OS-01	ANSI	30MHz ~ 200MHz	V	3.82	
		30MHz ~ 200MHz	H	3.60	
		200MHz ~ 1,000MHz	V	3.86	
		200MHz ~ 1,000MHz	H	3.94	
OS-02	ANSI	30MHz ~ 200MHz	V	2.48	
		30MHz ~ 200MHz	H	2.16	
		200MHz ~ 1,000MHz	V	2.50	
		200MHz ~ 1,000MHz	H	2.66	

3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

Equipment	4-Bay Network Attached Storage
Trade Name	NUUO
Model No.	NVRmini NV4080; NVRmini NV4160
OEM Brand/Model No.	N/A
Model Difference	Please refer to the Note 2.
Product Description	The EUT is a 4-Bay Network Attached Storage. Based on the application, features, or specification exhibited in User's Manual, the EUT is considered as an ITE/Computing Device. More details of EUT technical specification, please refer to the User's Manual.
Power Source	AC Mains.
Power Rating	Please refer to the Note 3.
Connecting I/O Port(s)	Please refer to the User's Manual
Products Covered	Power supply (Model No.: ENP-2320 & RP-2015-00)
EUT Modification(s)	N/A

Note:

1. For a more detailed features description, please refer to the manufacturer's specifications or the User's Manual.
2. There are two models based on similar electrical circuit except the difference of list below:

Model	PCB	Firmware: auto power on function
NVRmini NV4080	B version	No
NVRmini NV4160	B version	Yes

All the above models were tested, and the model: NVRmini NV4080 was found to be the worst case during the pr-scanning test. This model of the worst case was used for final testing and collecting test data included in this report.

3. The sample tested including two power supplies, model ENP-2320 & RP-2015-00 they difference of list below:

Model No.:	ENP-2320 (200WATT POWER SUPPLY W/PFC)					
AC INPUT	100-240V~/4-2A/ 60-50Hz					
DC OUTPUT	+3.3V	+5V	+12V	-5V	-12V	+5Vsb
	17A	12A	10A	0.3A	0.5A	1.5A
	+3.3V & +5V TOTAL OUTPUT 65W					

Model No.:	RP-2015-00					
AC INPUT	100-240V~/5A, 47-63Hz					
DC OUTPUT	VDC	+5V	+12V	+3.3V	-12V	+5VSB
	MIN	0.5A	1A	0.2A	0A	0A
	MAX	17A	16A	14A	0.3A	2.0A
	+3.3V ,+5V TOTAL MAX 90W TOTAL POWER 200W					

All the above power supplies were tested, and were used for final testing and collecting test data included in this report.

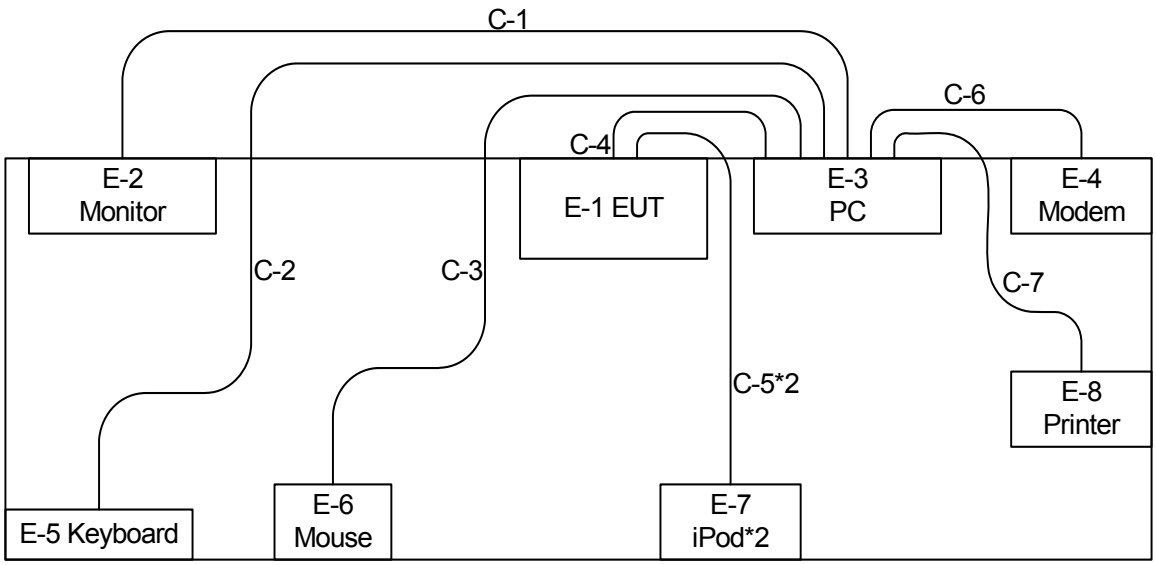
3.2 DESCRIPTION OF TEST MODES

To investigate the maximum EMI emission characteristics generates from EUT, the test system was pre-scanning tested base on the consideration of following EUT operation mode or test configuration mode which possible have effect on EMI emission level. Each of these EUT operation mode(s) or test configuration mode(s) mentioned above was evaluated respectively.

Pretest Test Mode	Description
Mode 1	Ethernet Read / Write

For Conducted / Radiated Test	
Final Test Mode	Description
Mode 1	Ethernet Read / Write

3.3 BLOCK DIGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED



C-1 D-SUB Cable
C-2 PS/2 Cable
C-3 PS/2 Cable
C-4 RJ-45 Cable
C-5 USB Cable
C-6 RS232 Cable
C-7 Parallel Cable

3.4 DESCRIPTION OF SUPPORT UNITS

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

Item	Equipment	Mfr/Brand	Model/Type No.	FCC ID	Series No.	Note
E-1	4-Bay Network Attached Storage	NUUO	NVRmini NV4080	DOC	N/A	EUT
E-2	19" LCD Monitor	Samsung	SyncMaster 193P	DOC	DI19H4JXC05517A	
E-3	PC	IBM	8422-KVA	DOC	L3D0137	
E-4	Modem	ACEEX	DM-1414V	DOC	8041708	
E-5	PS/2 K/B	Logitech	Y-SJ17(ACK260A)	DOC	SYU44664880	
E-6	PS/2 Mouse	Logitech	M-SBF69	DOC	HCA44601156	
E-7	iPod nano (1G)	Apple	A1137	DOC	YM63604QUPR	
E-8	Printer	SII	DPU-414	DOC	1045105A	

Item	Shielded Type	Ferrite Core	Length	Note
C-1	YES	YES	1.8M	
C-2	YES	NO	1.5M	
C-3	YES	NO	1.5M	
C-4	YES	NO	2M	
C-5	YES	NO	1M	
C-6	YES	NO	1.5M	
C-7	YES	NO	1.8M	
C-8	YES	NO	1.8M	

Note:

(1) The support equipment was authorized by Declaration of Conformity.
(2) For detachable type I/O cable should be specified the length in cm in『Length』column.

4. EMC EMISSION TEST

4.1 CONDUCTED EMISSION MEASUREMENT

4.1.1 POWER LINE CONDUCTED EMISSION (Frequency Range 150KHz-30MHz)

FREQUENCY (MHz)	Class A (dBuV)		Class B (dBuV)	
	Quasi-peak	Average	Quasi-peak	Average
0.15 -0.5	79.00	66.00	66 - 56 *	56 - 46 *
0.50 -5.0	73.00	60.00	56.00	46.00
5.0 -30.0	73.00	60.00	60.00	50.00

Note:

(1) The tighter limit applies at the band edges.

(2) The limit of " * " marked band means the limitation decreases linearly with the logarithm of the frequency in the range.

4.1.2 MEASUREMENT INSTRUMENTS LIST

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	LISN	Rolf Heine	NNB-2/16Z	98053	Dec. 27, 2007
2	LISN	EMCO	3816/2	00042990	Jan. 25, 2008
3	Pulse Limiter	Electro-Metrics	EM-7600	112644	Nov. 27, 2008
4	50Ω Terminator	N/A	N/A	N/A	May.13, 2009
5	Test Cable	N/A	C01	N/A	Oct. 10, 2008
6	EMI Test Receiver	R&S	ESCI	100082	Mar. 08, 2008

Remark: ” N/A” denotes No Model No. , Serial No. or No Calibration specified.

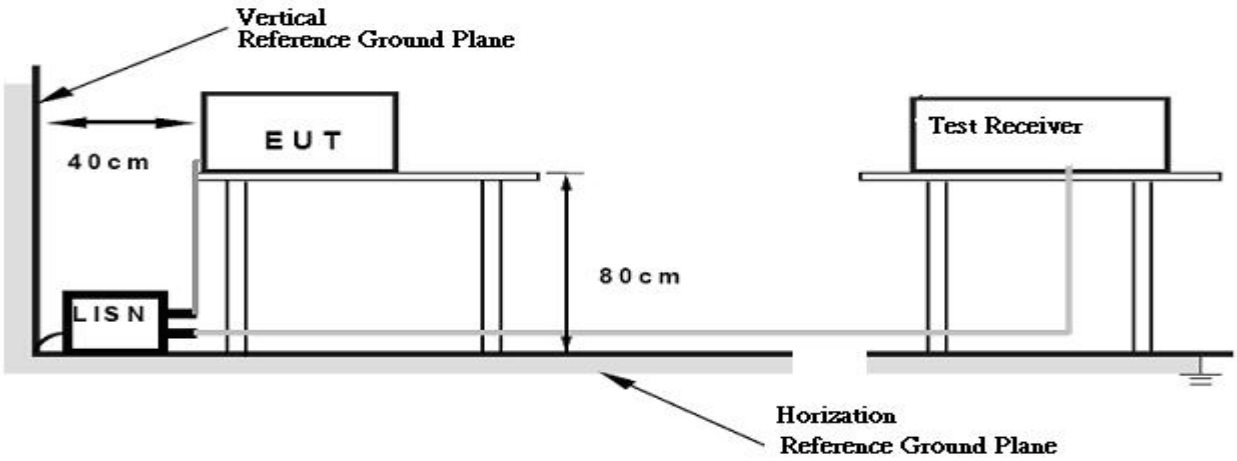
4.1.3 TEST PROCEDURE

a. The EUT was placed 0.4 meters from the horizontal ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipments powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.
b. Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.
c. I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
d. LISN at least 80 cm from nearest part of EUT chassis.
e. For the actual test configuration, please refer to the related Item –EUT Test Photos.

4.1.4 DEVIATION FROM TEST STANDARD

No deviation

4.1.5 TEST SETUP



4.1.6 EUT OPERATING CONDITIONS

The EUT exercise program (EMC.exe) used during radiated and/or conducted emission measurement was designed to exercise the various system components in a manner similar to a typical use. The program contained on a PC hard disk and is auto-starting on power-up. Once loaded, the program sequentially exercises each system component in turn. The sequence used is:

1. Read (write) from (to) mass storage device (EUT).
2. Send "H" pattern to video port device (Monitor).
3. Send " H " pattern to parallel port device (Printer).
4. Send " H " pattern to serial port device (Modem).
5. Repeated from 2 to 4 continuously.

As the keyboard and mouse are strictly input devices, no data is transmitted to (from) them during test. They are, however, continuously scanned for data input activity.

4.1.7 TEST RESULTS

EUT：	4-Bay Network Attached Storage	Model No. ：	NVRmini NV4080
Temperature：	23 ℃	Relative Humidity：	48 %
Pressure：	1007 hPa	Test Power ：	AC 120V/60Hz
Test Mode ：	Ethernet Read / Write	Power supply ：	ENP-2320

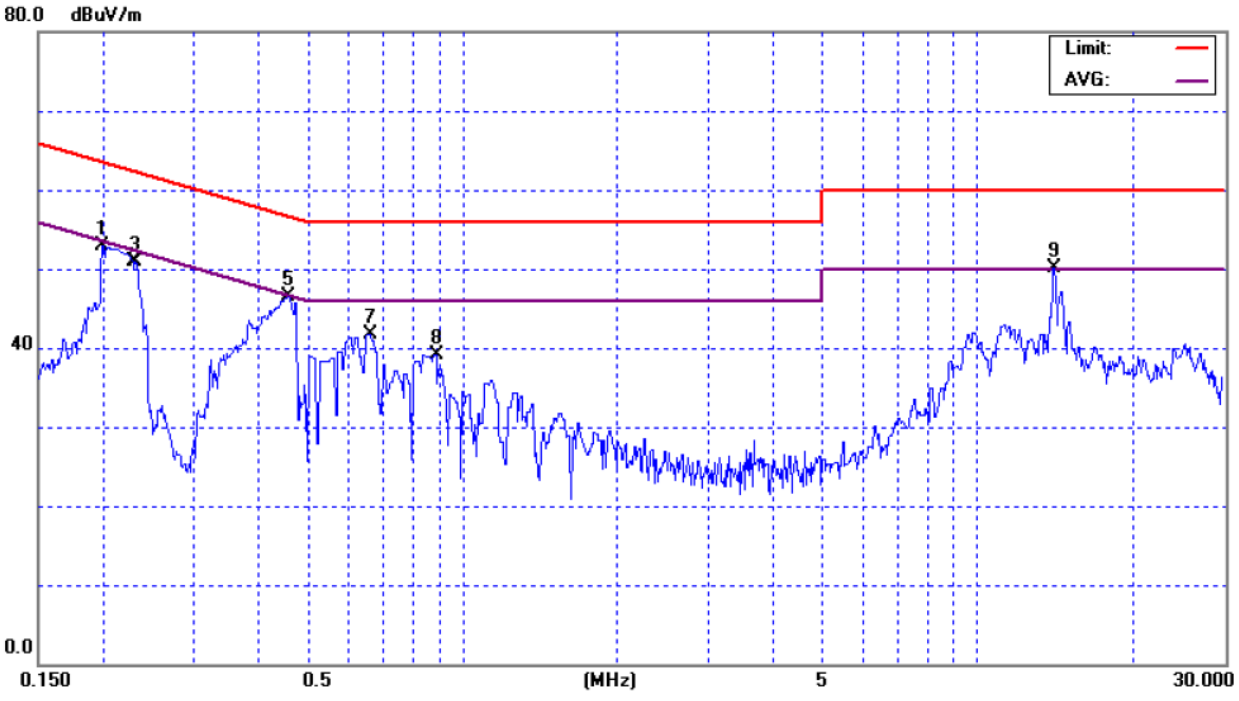
Freq. (MHz)	Terminal L/N	Measured(dBuV)		Limits(dBuV)		Margin (dB)	Note
		QP-Mode	AV-Mode	QP-Mode	AV-Mode		
0.20	Line	52.97	38.98	63.62	53.62	-10.65	(QP)
0.23	Line	50.84	39.78	62.41	52.41	-11.57	(QP)
0.46	Line	46.42	31.72	56.73	46.73	-10.31	(QP)
0.66	Line	41.78	*	56.00	46.00	-14.22	(QP)
0.89	Line	39.08	*	56.00	46.00	-16.92	(QP)
14.10	Line	50.11	33.46	60.00	50.00	-9.89	(QP)

Remark

(1) Reading in which marked as QP means measurements by using are Quasi-Peak Mode with Detector BW=9KHz；SPA setting in RBW=10KHz,VBW =10KHz, Swp. Time = 0.3 sec./MHz。Reading in which marked as AV means measurements by using are Average Mode with instrument setting in RBW=1MHz,VBW=10Hz, Swp. Time =0.3 sec./MHz 。

(2) All readings are QP Mode value unless otherwise stated AVG in column of『Note』. If the QP Mode Measured value compliance with the QP Limits and lower than AVG Limits, the EUT shall be deemed to meet both QP & AVG Limits and then only QP Mode was measured, but AVG Mode didn't perform。In this case, a " * " marked in AVG Mode column of Interference Voltage Measured 。

(3) Measuring frequency range from 150KHz to 30MHz 。



EUT：	4-Bay Network Attached Storage	Model No. ：	NVRmini NV4080
Temperature：	23 ℃	Relative Humidity：	48 %
Pressure：	1007 hPa	Test Power ：	AC 120V/60Hz
Test Mode ：	Ethernet Read / Write	Power supply ：	ENP-2320

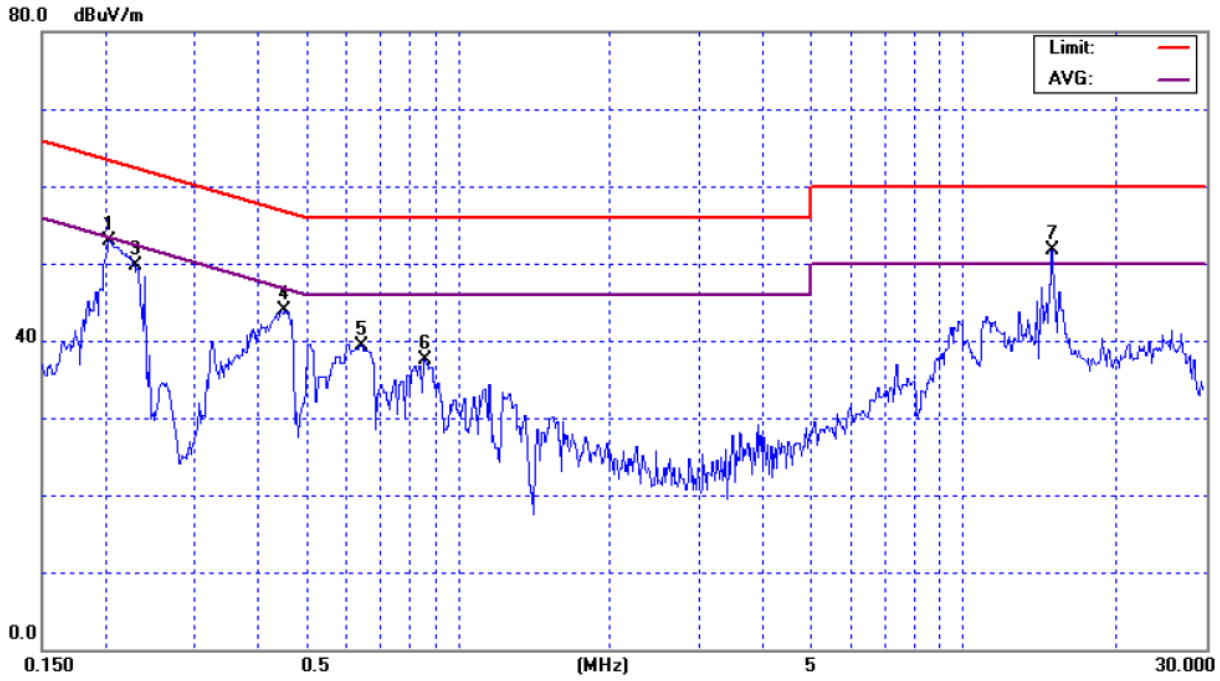
Freq. (MHz)	Terminal L/N	Measured(dBuV)		Limits(dBuV)		Margin (dB)	Note
		QP-Mode	AV-Mode	QP-Mode	AV-Mode		
0.20	Neutral	52.90	36.37	63.48	53.48	-10.58	(QP)
0.23	Neutral	49.73	*	62.48	52.48	-12.75	(QP)
0.45	Neutral	43.94	*	56.82	46.82	-12.88	(QP)
0.64	Neutral	39.21	*	56.00	46.00	-16.79	(QP)
0.86	Neutral	37.56	*	56.00	46.00	-18.44	(QP)
15.00	Neutral	51.72	33.80	60.00	50.00	-8.28	(QP)

Remark

(1) Reading in which marked as QP means measurements by using are Quasi-Peak Mode with Detector BW=9KHz；SPA setting in RBW=10KHz,VBW =10KHz, Swp. Time = 0.3 sec./MHz。Reading in which marked as AV means measurements by using are Average Mode with instrument setting in RBW=1MHz,VBW=10Hz, Swp. Time =0.3 sec./MHz 。

(2) All readings are QP Mode value unless otherwise stated AVG in column of『Note』. If the QP Mode Measured value compliance with the QP Limits and lower than AVG Limits, the EUT shall be deemed to meet both QP & AVG Limits and then only QP Mode was measured, but AVG Mode didn't perform。In this case, a " * " marked in AVG Mode column of Interference Voltage Measured 。

(3) Measuring frequency range from 150KHz to 30MHz 。



EUT：	4-Bay Network Attached Storage	Model No. ：	NVRmini NV4080
Temperature：	23 ℃	Relative Humidity：	48 %
Pressure：	1007 hPa	Test Power ：	AC 120V/60Hz
Test Mode ：	Ethernet Read / Write	Power supply ：	RP-2015-00

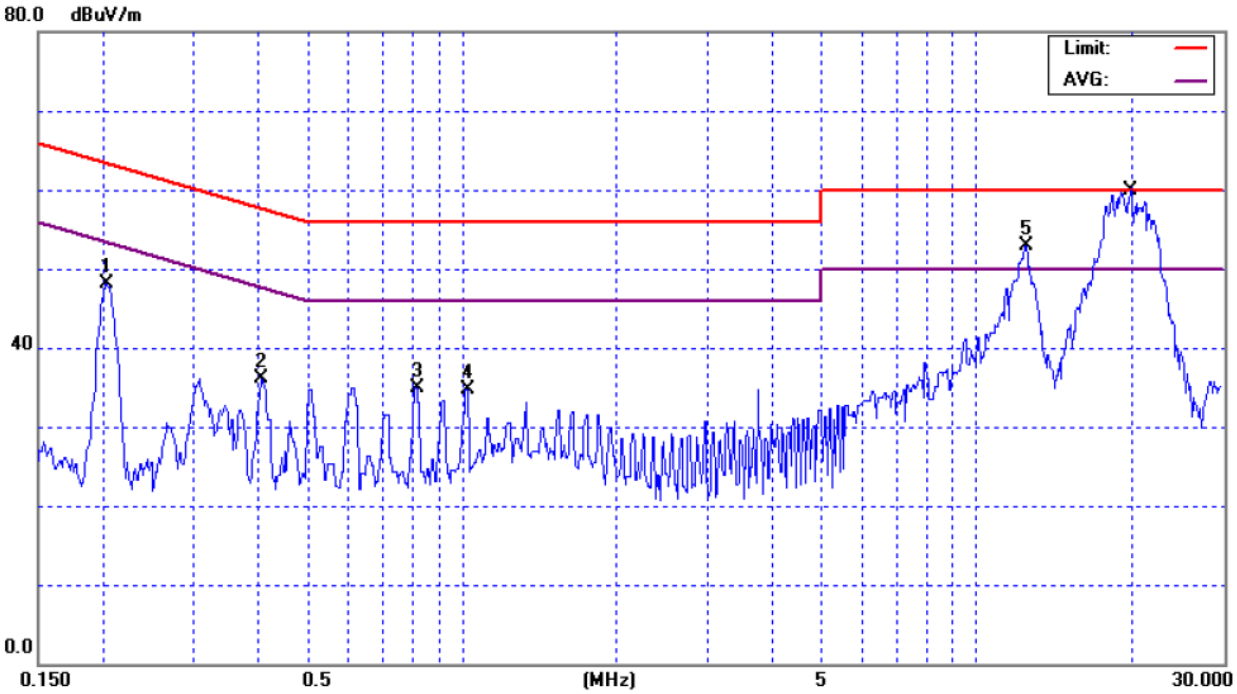
Freq. (MHz)	Terminal L/N	Measured(dBuV)		Limits(dBuV)		Margin (dB)	Note
		QP-Mode	AV-Mode	QP-Mode	AV-Mode		
0.20	Line	48.12	*	63.48	53.48	-15.36	(QP)
0.41	Line	36.04	*	57.70	47.70	-21.66	(QP)
0.82	Line	34.91	*	56.00	46.00	-21.09	(QP)
1.02	Line	34.66	*	56.00	46.00	-21.34	(QP)
12.45	Line	52.84	38.72	60.00	50.00	-7.16	(QP)
19.95	Line	56.72	45.02	60.00	50.00	-3.28	(QP)

Remark

(1) Reading in which marked as QP means measurements by using are Quasi-Peak Mode with Detector BW=9KHz；SPA setting in RBW=10KHz,VBW =10KHz, Swp. Time = 0.3 sec./MHz。Reading in which marked as AV means measurements by using are Average Mode with instrument setting in RBW=1MHz,VBW=10Hz, Swp. Time =0.3 sec./MHz 。

(2) All readings are QP Mode value unless otherwise stated AVG in column of『Note』. If the QP Mode Measured value compliance with the QP Limits and lower than AVG Limits, the EUT shall be deemed to meet both QP & AVG Limits and then only QP Mode was measured, but AVG Mode didn't perform。In this case, a " * " marked in AVG Mode column of Interference Voltage Measured 。

(3) Measuring frequency range from 150KHz to 30MHz 。



EUT：	4-Bay Network Attached Storage	Model No. ：	NVRmini NV4080
Temperature：	23 ℃	Relative Humidity：	48 %
Pressure：	1007 hPa	Test Power ：	AC 120V/60Hz
Test Mode ：	Ethernet Read / Write	Power supply ：	RP-2015-00

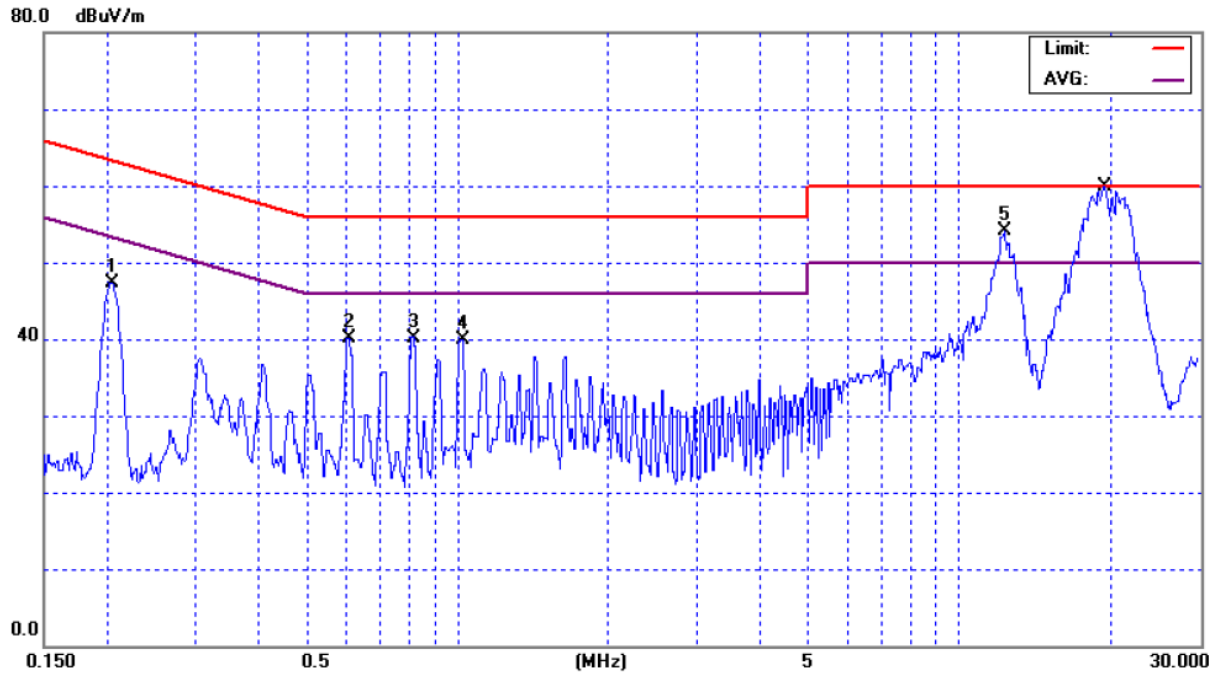
Freq. (MHz)	Terminal L/N	Measured(dBuV)		Limits(dBuV)		Margin (dB)	Note
		QP-Mode	AV-Mode	QP-Mode	AV-Mode		
0.20	Neutral	47.32	*	63.42	53.42	-16.10	(QP)
0.61	Neutral	40.02	*	56.00	46.00	-15.98	(QP)
0.82	Neutral	40.20	*	56.00	46.00	-15.80	(QP)
1.02	Neutral	39.86	*	56.00	46.00	-16.14	(QP)
12.35	Neutral	54.01	39.74	60.00	50.00	-5.99	(QP)
19.45	Neutral	56.12	44.32	60.00	50.00	-3.88	(QP)

Remark

(1) Reading in which marked as QP means measurements by using are Quasi-Peak Mode with Detector BW=9KHz；SPA setting in RBW=10KHz,VBW =10KHz, Swp. Time = 0.3 sec./MHz。Reading in which marked as AV means measurements by using are Average Mode with instrument setting in RBW=1MHz,VBW=10Hz, Swp. Time =0.3 sec./MHz。

(2) All readings are QP Mode value unless otherwise stated AVG in column of『Note』. If the QP Mode Measured value compliance with the QP Limits and lower than AVG Limits, the EUT shall be deemed to meet both QP & AVG Limits and then only QP Mode was measured, but AVG Mode didn't perform。In this case, a " * " marked in AVG Mode column of Interference Voltage Measured。

(3) Measuring frequency range from 150KHz to 30MHz。



4.2 RADIATED EMISSION MEASUREMENT

4.2.1 LIMITS OF RADIATED EMISSION MEASUREMENT (Below 1000MHz)

FREQUENCY (MHz)	Class A (at 10m)	Class B (at 10m)
	dBuV/m	dBuV/m
30 – 230	40	30
230 – 1000	47	37

Notes:

(1) The limit for radiated test was performed according to as following: CISPR 22/ FCC PART 15B /ICES-003.

(2) The tighter limit applies at the band edges.

(3) Emission level (dBuV/m)=20log Emission level (uV/m).

LIMITS OF RADIATED EMISSION MEASUREMENT (Above 1000MHz)

FREQUENCY (MHz)	Class A (dBuV/m) (at 3m)		Class B (dBuV/m) (at 3m)	
	PEAK	AVERAGE	PEAK	AVERAGE
Above 1000	80	60	74	54

Notes:

(1) The limit for radiated test was performed according to FCC PART 15B.

(2) The tighter limit applies at the band edges.

(3) Emission level (dBuV/m)=20log Emission level (uV/m).

FREQUENCY RANGE OF RADIATED MEASUREMENT (For unintentional radiators)

Highest frequency generated or Upper frequency of measurement used in the device or on which the device operates or tunes (MHz)	Range (MHz)
Below 1.705	30
1.705 – 108	1000
108 – 500	2000
500 – 1000	5000
Above 1000	5^{th} harmonic of the highest frequency or 40 GHz, whichever is lower

4.2.2 MEASUREMENT INSTRUMENTS LIST

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Log-Bicon Antenna	Schwarzbeck	VULB 9160	3058	Mar. 20, 2008
2	Test Cable	N/A	10M_OS02	N/A	Oct. 10, 2008
3	Test Cable	N/A	OS02	N/A	Oct. 10, 2008
4	Pre-Amplifier	Anritsu	MH648A(OS02)	M10061	Oct. 10, 2008
5	EMI Test Receiver	R&S	ESCI	100082	Mar. 08, 2008
6	Antenna Mast	Chance Most	CMTB-1.5	N/A	N/A
7	Turn Table	Chance Most	CMTB-1.5	N/A	N/A

Remark: ” N/A” denotes No Model No. / Serial No. and No Calibration specified.

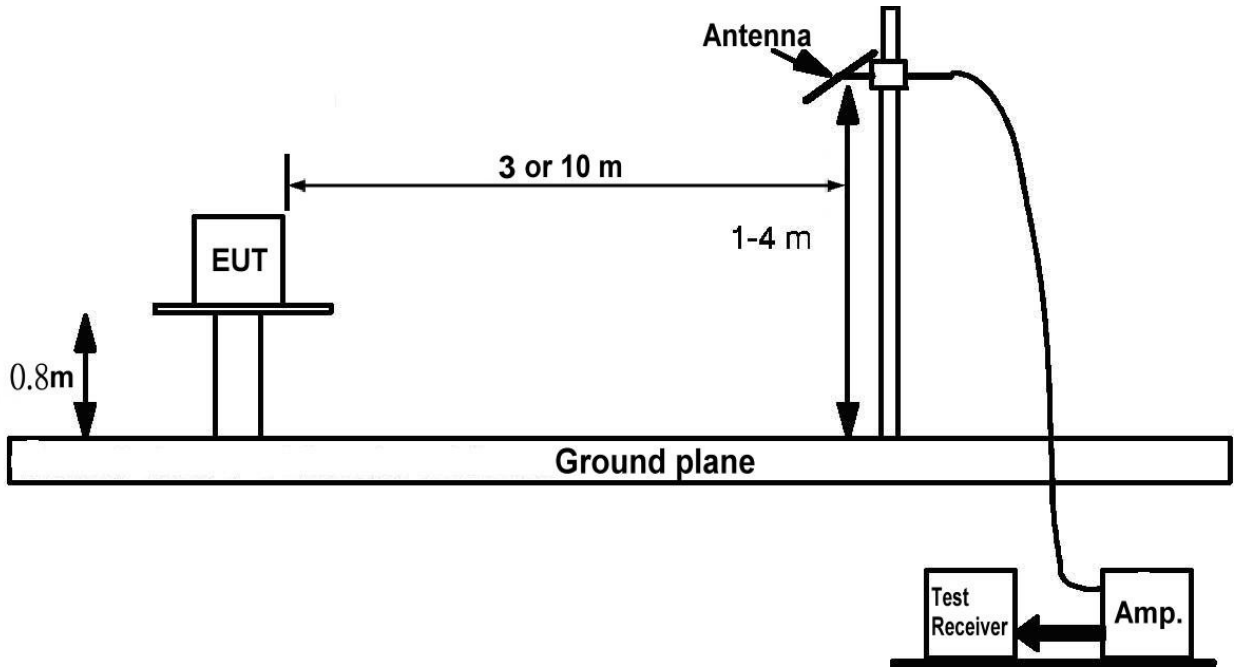
4.2.3 TEST PROCEDURE

a. The measuring distance of at 10 m shall be used for measurements at frequency up to 1GHz. For frequencies above 1GHz, any suitable measuring distance may be used.
b. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3m or 10 meter open area test site. The table was rotated 360 degrees to determine the position of the highest radiation.
c. The height of the equipment or of the substitution antenna shall be 0.8 m; the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
d. The initial step in collecting radiated emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
e. If the Peak Mode measured value compliance with and lower than Quasi Peak Mode Limit, the EUT shall be deemed to meet QP Limits and then no additional QP Mode measurement performed.
f. For the actual test configuration, please refer to the related Item –EUT Test Photos.

4.2.4 DEVIATION FROM TEST STANDARD

No deviation

4.2.5 TEST SETUP



4.2.6 EUT OPERATING CONDITIONS

The EUT tested system was configured as the statements of **4.1.6** Unless otherwise a special operating condition is specified in the follows during the testing.

4.2.7 TEST RESULTS

EUT：	4-Bay Network Attached Storage	Model No. ：	NVRmini NV4080
Temperature：	19 ℃	Relative Humidity：	70 %
Pressure：	1026 hPa	Test Power ：	AC 120V/60Hz
Test Mode ：	Ethernet Read / Write	Power supply ：	ENP-2320

Freq. (MHz)	Ant. H/V	Reading(RA) (dBuV)	Corr.Factor(CF) (dB)	Measured(FS) (dBuV/m)	Limits(QP) (dBuV/m)	Margin (dB)	Note
125.01	V	28.96	-5.64	23.32	30.00	- 6.68	
659.99	V	30.60	4.31	34.91	37.00	- 2.09	QP
692.99	V	29.30	4.92	34.22	37.00	- 2.78	QP
750.06	V	27.30	6.28	33.58	37.00	- 3.42	QP
875.07	V	27.40	7.51	34.91	37.00	- 2.09	QP
989.99	V	24.80	9.33	34.13	37.00	- 2.87	QP

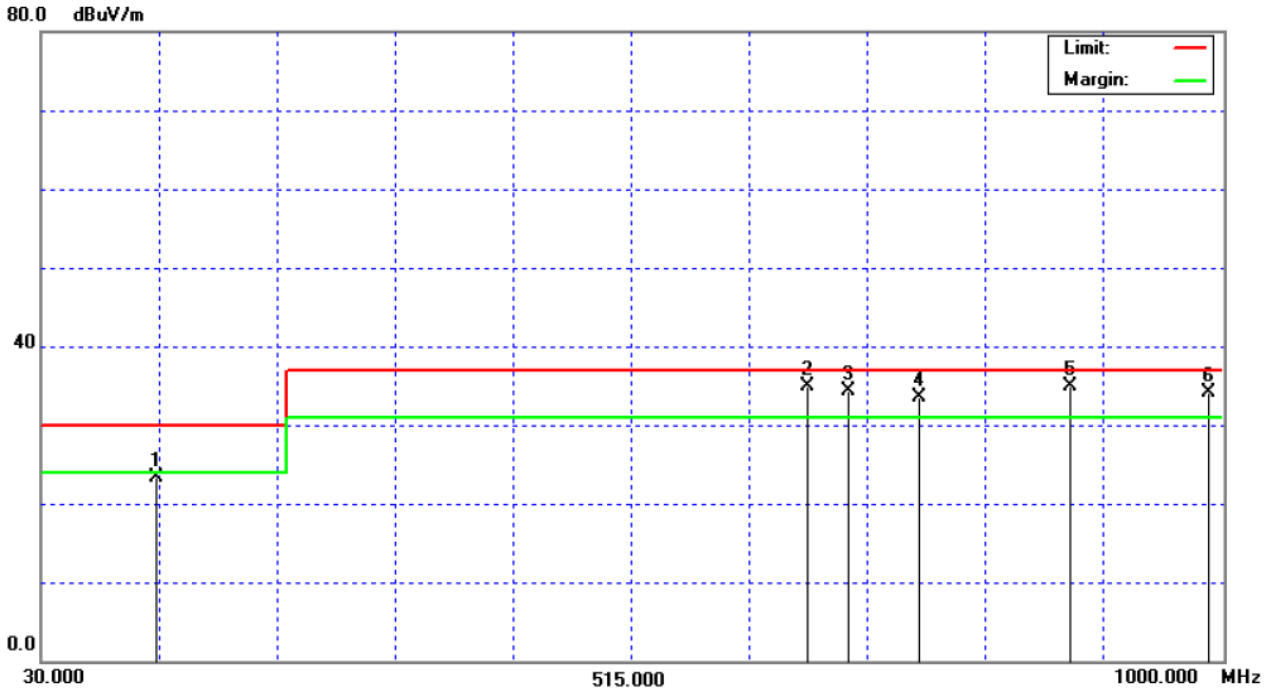
Remark：

(1) Reading in which marked as QP or Peak means measurements by using are Quasi-Peak Mode or Peak Mode with Detector BW=120KHz；SPA setting in RBW=120KHz, VBW =120KHz, Swp. Time = 0.3 sec./MHz。

(2) All readings are Peak unless otherwise stated QP in column of 『Note』. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measure-ment didn't perform。

(3) Measuring frequency range from 30MHz to 1000MHz。

(4) If the peak scan value lower limit more than 20dB, then this signal data does not how in table。



EUT：	4-Bay Network Attached Storage	Model No. ：	NVRmini NV4080
Temperature：	19 ℃	Relative Humidity：	70 %
Pressure：	1026 hPa	Test Power ：	AC 120V/60Hz
Test Mode ：	Ethernet Read / Write	Power supply ：	ENP-2320

Freq. (MHz)	Ant. H/V	Reading(RA) (dBuV)	Corr.Factor(CF) (dB)	Measured(FS) (dBuV/m)	Limits(QP) (dBuV/m)	Margin (dB)	Note
664.32	H	28.50	4.39	32.89	37.00	- 4.11	QP
750.06	H	27.40	6.28	33.68	37.00	- 3.32	QP
791.10	H	27.20	6.57	33.77	37.00	- 3.23	QP
825.00	H	26.30	7.00	33.30	37.00	- 3.70	QP
875.07	H	27.30	7.51	34.81	37.00	- 2.19	QP
924.00	H	26.30	8.21	34.51	37.00	- 2.49	QP

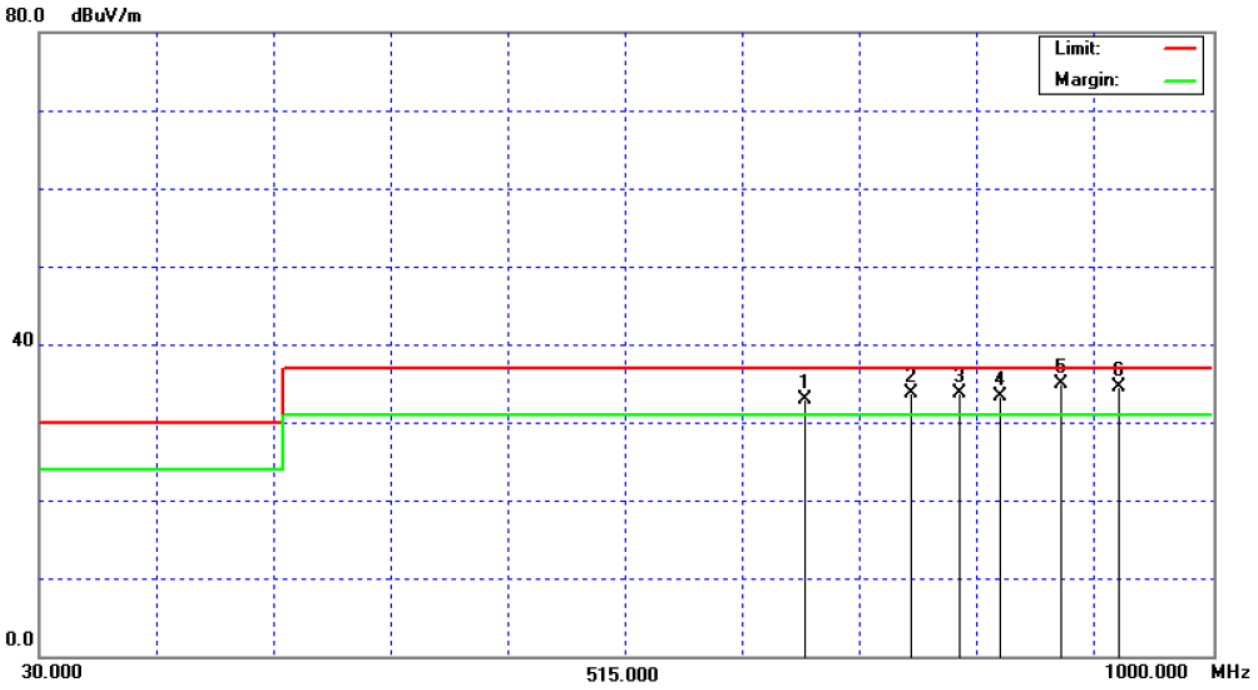
Remark：

(1) Reading in which marked as QP or Peak means measurements by using are Quasi-Peak Mode or Peak Mode with Detector BW=120KHz；SPA setting in RBW=120KHz, VBW =120KHz, Swp. Time = 0.3 sec./MHz。

(2) All readings are Peak unless otherwise stated QP in column of『Note』. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measure-ment didn't perform。

(3) Measuring frequency range from 30MHz to 1000MHz。

(4) If the peak scan value lower limit more than 20dB, then this signal data does not how in table。



EUT：	4-Bay Network Attached Storage	Model No. ：	NVRmini NV4080
Temperature：	19 ℃	Relative Humidity：	70 %
Pressure：	1026 hPa	Test Power ：	AC 120V/60Hz
Test Mode ：	Ethernet Read / Write	Power supply ：	RP-2015-00

Freq. (MHz)	Ant. H/V	Reading(RA) (dBuV)	Corr.Factor(CF) (dB)	Measured(FS) (dBuV/m)	Limits(QP) (dBuV/m)	Margin (dB)	Note
250.02	V	39.35	-5.65	33.70	37.00	- 3.30	
660.00	V	29.80	4.31	34.11	37.00	- 2.89	QP
750.06	V	28.30	6.28	34.58	37.00	- 2.42	QP
792.00	V	28.40	6.57	34.97	37.00	- 2.03	QP
825.00	V	27.20	7.00	34.20	37.00	- 2.80	QP
875.07	V	26.40	7.51	33.91	37.00	- 3.09	QP
923.99	V	26.20	8.21	34.41	37.00	- 2.59	QP

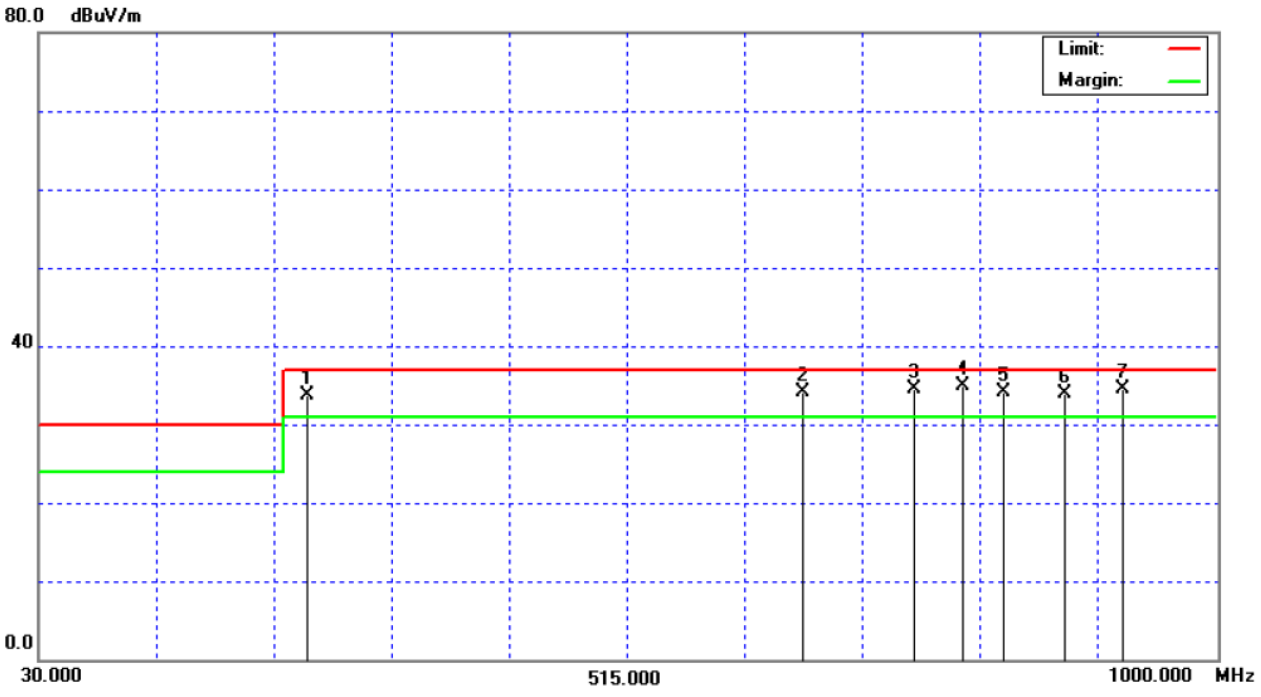
Remark：

(1) Reading in which marked as QP or Peak means measurements by using are Quasi-Peak Mode or Peak Mode with Detector BW=120KHz；SPA setting in RBW=120KHz, VBW =120KHz, Swp. Time = 0.3 sec./MHz。

(2) All readings are Peak unless otherwise stated QP in column of『Note』. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measure-ment didn't perform。

(3) Measuring frequency range from 30MHz to 1000MHz。

(4) If the peak scan value lower limit more than 20dB, then this signal data does not how in table。



EUT：	4-Bay Network Attached Storage	Model No. ：	NVRmini NV4080
Temperature：	19 ℃	Relative Humidity：	70 %
Pressure：	1026 hPa	Test Power ：	AC 120V/60Hz
Test Mode ：	Ethernet Read / Write	Power supply ：	RP-2015-00

Freq. (MHz)	Ant. H/V	Reading(RA) (dBuV)	Corr.Factor(CF) (dB)	Measured(FS) (dBuV/m)	Limits(QP) (dBuV/m)	Margin (dB)	Note
175.99	H	32.50	-5.38	27.12	30.00	- 2.88	
431.99	H	31.48	-0.59	30.89	37.00	- 6.11	
750.06	H	27.20	6.28	33.48	37.00	- 3.52	QP
792.00	H	26.30	6.57	32.87	37.00	- 4.13	QP
875.07	H	27.10	7.51	34.61	37.00	- 2.39	QP
1000.00	H	25.40	9.45	34.85	37.00	- 2.15	QP

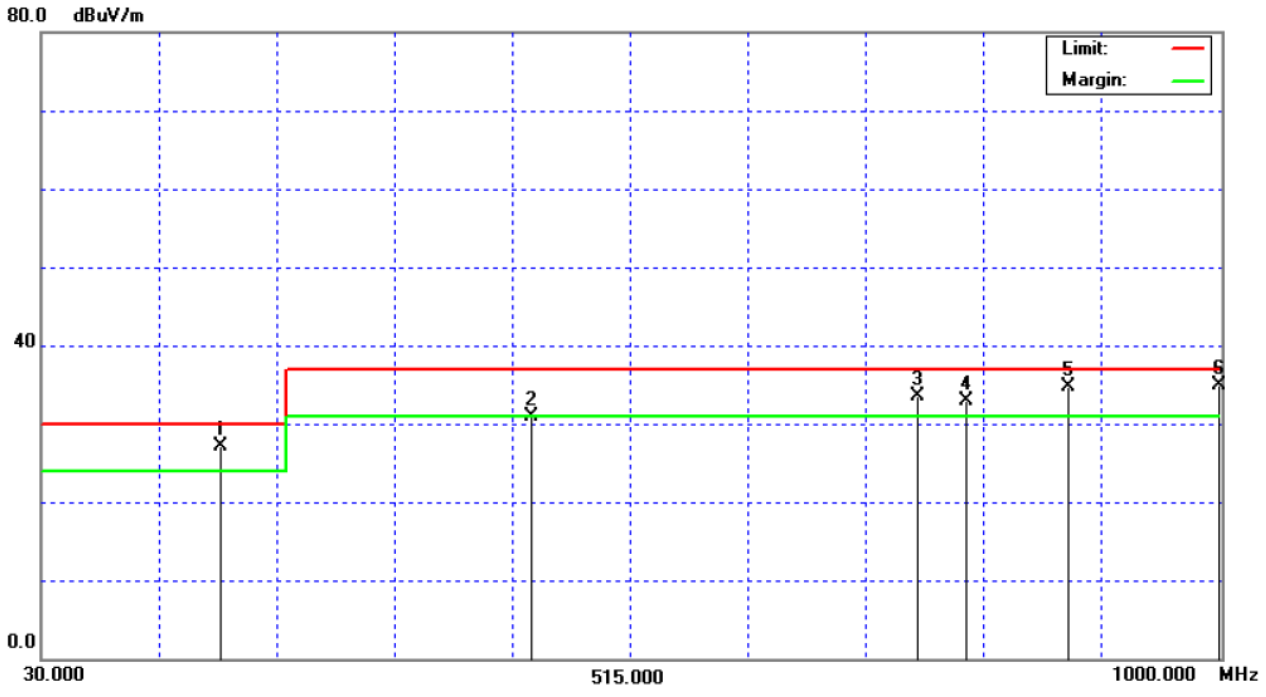
Remark：

(1) Reading in which marked as QP or Peak means measurements by using are Quasi-Peak Mode or Peak Mode with Detector BW=120KHz；SPA setting in RBW=120KHz, VBW =120KHz, Swp. Time = 0.3 sec./MHz。

(2) All readings are Peak unless otherwise stated QP in column of『Note』. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measure-ment didn't perform。

(3) Measuring frequency range from 30MHz to 1000MHz。

(4) If the peak scan value lower limit more than 20dB, then this signal data does not how in table。



5. EUT TEST PHOTO

Conducted Measurement Photos

Radiated Measurement Photos